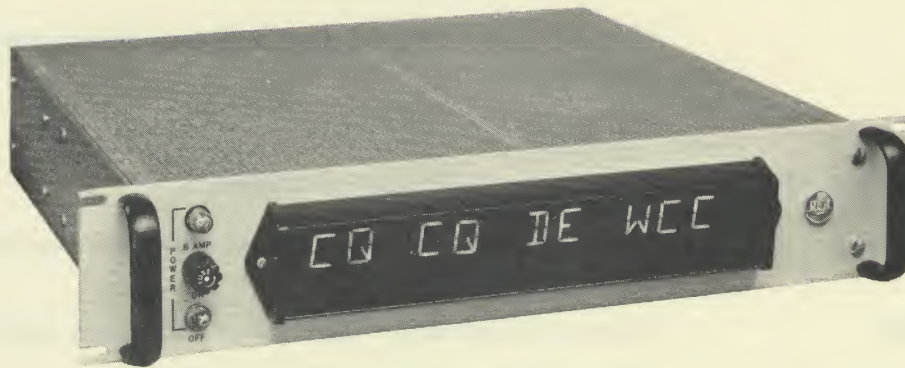


MI-42092B

MOVING MESSAGE VISUAL DISPLAY



DESCRIPTION

The MI-42092B display unit is a unique visual output device which provides a continuous display of the translated message and is completely compatible with RCA Morse Code Translator and Teletype Converter (MI-42092A).

Operating on 120 volts a-c power, and interconnected with the Code Converter by means of a single cable, this high visibility moving word display offers, for the first time, a vast array of automated, "quick look" message monitoring applications.

Monitoring may be local or remote and operate with or without the hard-copy standard teleprinter output described in the MI-42092 catalog sheet.

FEATURES:

- The display unit is a small self-contained device with a standard capacity of twelve (12) characters including word spaces.
- Characters are numbers and letters. (A to Z & 0-9)
- It is completely transistorized with integral power supplies.
- Each character is formed on a standard, replaceable Burroughs NIXIE[®] indicator tube.
- Readability in high ambient light up to a distance of 25 feet.
- Maximum word speed limited only by optical reading speed of observer typically of the order of 150-200 words per minute.
- Red or Amber colored display available.
- Last characters retained and displayed indefinitely.
- May be located at remote locations.



DEFENSE ELECTRONIC PRODUCTS • COMMUNICATIONS SYSTEMS DIVISION
TACTICAL COMMUNICATIONS DEPARTMENT

MOVING MESSAGE VISUAL DISPLAY

SPECIFICATIONS

SIZE:	19 inches wide x 14 $\frac{1}{4}$ inch depth x 3 $\frac{1}{2}$ panel height-standard rack mounting slots
WEIGHT:	18 $\frac{1}{4}$ pounds
POWER REQUIREMENTS:	105-120 volts 50-400 cps a-c 38 watts
INPUT SOURCE:	6 bit binary code plus strobe derived from special connector on MI-42092A Code Translator
WORD SPEED:	Observer limited only – 150-200 words per minute typical
PANEL CONTROLS:	On/off switch, fuse, pilot light
CHARACTER FORMAT:	13 segment Alpha-numeric NIXIE [®] type B-5971
NIXIE[®] SIZE:	1.02 high x .79 wide
BRIGHTNESS:	200 foot lamberts

APPLICATIONS:

- Remote instantaneous monitoring of both incoming and outgoing Morse messages in ship to shore communications.
- Ideal visual training device in the teaching proper formation of Morse Code words and spacing.
- Visual "back-up" display for Morse Code Operators in checking missed words.
- In cases where teleprinter is located remotely from receiving facilities, use of the visual display unit for receiver tuning and station monitoring is made possible.
- Where hard copy is not continuously desired, visual display enables observation of pertinent incoming communications.
- Simultaneous viewing of incoming communication by large numbers of observers.

For Further Information Please Contact:
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Specifications furnished by RCA are believed to be accurate and reliable. However all Specification data is subject to change without notice.



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